BRUHATH BANGALORE MAHANAGARA PALIKE
Yelahanka Zone, Yelahanka Division
PWD Work slip

Name of Work:-Modified Estimate for the work of construction of Dhobhi Ghat near yelahanka lake in ward No- 01 of yelahanka Sub division.
Name of agency:-Sri Lingaraja
Estimated cost:-19.50Lakhs
Tender amount Rs:-2024704.00
Work order no:-EE(YNK.D)E-PMT-4/W.O/59/2014-15

S.NO	Description of Item	unit	As per Estimate			As per Tender			Actual	Up to 125% of the tender Qty			Beyond 125% of the tender Qty			Total amount	Excesss	Savings	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	qty.s	Qty	Rate	Amount	Qty	Rate	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	KSRB 2-1.1 Earth work in surface excavation in hard soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1,P. No. 5/ Item No. 2.2/ PWD SR 2014-15	cum	22.40	172.78	3870.27	22.40	181.00	4054.40	166.28	28.00	181.00	5068.00	138.28	229.97	31800.36	36868.36	32813.96		
2	KSRB 2-2.2 Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, specification, specification. No. KBS 2.1(b) / 2.3.5, No. 5/ Item No. 2.4/ PWD SR 2014-15	cum	63.18	259.70	16407.85	63.18	272.00	17184.96	50.94	50.94	272.00	13856.00				13856.00		3328.96	
3	KSRB 100-1 Loading and unloading of stone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumpting turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 141 and KSRB M.100.4.1 costof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M (Item No 17.4 Page 141 (SR 2014-15)	cum	85.58	77.63	6643.58	85.58	81.43	6968.78	217.22	106.98	81.43	8710.97	110.2	86.92	9582.91	18293.88	11325.10		
4	KSRB-4-1.3 Providing and laying in position plain cement concrete of mix M7.5 withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.67cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1.4.2, No. 12/ Item No. 4.3/ PWD SR 2014-15	Cum	7.71	4757.26	36678.63	7.71	4990.00	38472.90	66.36	9.64	4990.00	48091.13	56.7	5216.08	295857.33	343948.45	305475.55		

YELAHANKA SUB DIVISION

5	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground flocr level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification. No. KBS 4.1,4.6, No. KBS 4.1,4.6, No. 13/ Item No. 4.11/ PWD SR 2014-15	Cum	23.12	5952.96	137632.44	23.12	6244.50	144372.84	11.44	11.44	6244.50	71456.00			71456.00		72916.84	
6	KSRB 5.2.3 Providing and constructing granite / trap / basalt rubble stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 Page No. 25/ Item No. 5.6/ PWD SR 2014-15		16.08	3765.12	60543.13	16.08	3949.00	63499.92	24.21	20.10	3949.00	79374.90	4.11	4253.97	17496.56	96871.46	33371.54	
7	KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:8, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 Page No. 26/ Item No. 5.9/ PWD SR 2014-15	Cum	9.89	4458.36	44093.18	9.89	4677.00	46255.53	8.64	8.64	4677.00	40425.00				40425.00		5830.53
8	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No. 122/ Item No. 15.1 PWD SR 2014-15	sqm	18.06	90.10	1627.21	18.06	19.00	343.14	18.04	18.04	19.00	343.00				343.00		0.14
9	KSRB-4-1.6 : Providing and laying in position plain cement concrete of mix M15 withOPC cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2/ P.No. 12/ Item No. 4.6/ PWD SR 2014-15	Cum	1.79	5228.95	9359.87	1.79	5485.00	9818.15	67.50	2.24	5485.00	12272.69	65.26	6163.75	402266.38	414539.07	404720.92	
10	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour and lift upto 1.5m, including cost of all labour complete as per specifications, specification. No. KBS 2.9, No. 6/ Item No. 2.10/ PWD SR 2014-15	Cum	31.94	116.60	3724.20	31.94	122.31	3906.58	29.47	29.47	122.31	3605.00				3605.00		301.58

11	KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 17/ Item No. 4.34/ PWD SR 2014-15	sqm	23.00	255.46	5875.58	23.00	267.97	6163.31	48.83	28.75	267.97	7704.14	20.08	277.75	5577.15	13281.29	7117.98		
12	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 16/ Item No. 4.29/ PWD SR 2014-15	sqm	31.74	308.46	9790.52	31.74	323.57	10270.11	56.53	39.68	323.57	12837.64	16.86	338.85	5711.33	18548.97	8278.86		
13	KSRRB M300-53 : Construction of embankment with approved material Gravel/Murrum with all lifts and leads, trasnporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications (which includes cost of gravel / murrum, watering charges & compaction by vibratory roller) MORTH Specification No. 305. **(Page No. 144 & Item No. 19.60)**	cum				16.20	231.10	3743.82	29.47	20.25	231.10	4679.78	9.22	319.96	2949.51	7629.28	3885.46		
14	KSRB 4-6.6 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, piers, post and struts, circular or curved in plan including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 17/ Item No. 4.33/ PWD SR 2014-15	sqm	24.30	874.50	21250.35	24.30	917.35	22291.61	48.60	30.38	917.35	27864.51	18.23	939.89	17129.57	44994.08	22702.47		
15	KSRB 4-6.10 : Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 17/ Item No. 4.37/ PWD SR 2014-15	sqm	3.60	265.00	954.00	3.60	278.00	1000.80	2.57	2.57	278.00	713.07				713.07		287.73	
16	KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC, cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.586Scum and fine aggregates @0.391cum with superplastesiser @0.225Lts machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto ground floor lever, including cost of all materials, labour, HOM of machinery, curing, complete as per specification. Specification NO. KBS 4.1, 4.6 Page No. 15/ Item No. 4.20/ PWD SR 2014-15	sqm	6.42	507.74	3259.69	6.42	531.80	3414.16	2.57	2.57	531.80	1364.00				1364.00		2050.16	
17	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S. 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 27/ Item No. 5.27/ PWD SR 2014-15	cum	115.34	975.20	112479.57	115.34	1023.00	117992.82	114.75	114.75	1023.00	117384.00				117384.00		608.82	

18	KSRB 4.9.2 providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bonding, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 Page No. 19/ Item No. 4.46/ PWD SR 2014-15	Quintal	36.01	7254.80	261245.35	36.01	7610.00	274036.10	28.25	28.25	7610.00	214976.00				214976.00		59060.10	
19	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete for R.C.C works laid in 15cms thick layers and well compacted vibrating curing etc. smooth finish in CM 1:3,with all lead and lift etc., complete. (exclusive of cost of steel and fabrication charges) Ready mixed cement concrete for Beams, column, Staircase and Roof with M-20(cement -320 Kg/Cum) Page No. 19/ Item No. 4.49.1/ PWD SR 2014-15	cum	8.89	5738.84	51018.29	8.89	6020.00	53517.80	11.71	11.11	6020.00	66897.25	0.60	6513.71	3904.97	70802.22	17284.42		
20	KSRB 15.3.1 Providing 12mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever reuired smooth rendering. Providing and removing scaffolding, including cost of materials, labour. Curing complete as per specifications. Page No. 122/ Item No. 15.11/ PWD SR 2014-15	sqm	164.22	140.98	23151.74	164.22	147.88	24284.85	154.64	154.64	147.88	22868.16				22868.16		1416.69	
21	KSRB 15.3.13 Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Page No. 109/ Item No. 15.21 PWD SR 2014-15	sqm	45.41	183.38	8877.43	45.41	192.36	9312.15	53.03	53.03	192.36	10201.00				10201.00	888.85		
22	KSRB 15.7 Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. Page No. 124/ Item No. 15.33/ PWD SR 2014-15	sqm	212.63	21.20	4507.76	212.63	22.23	4726.76	207.67	207.67	22.23	4617.00				4617.00		109.76	
23	KSRB 15.3.1 Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever reuired smooth rendering. Providing and removing scaffolding, including cost of materials, labour. Curing complete as per specifications. Page No. 122/ Item No. 15.10/ PWD SR 2014-15	sqm	29.72	155.82	4630.97	29.72	163.45	4857.73	211.79	37.15	163.45	6072.17	174.64	174.42	30461.55	36533.71	31675.98		

24	KSRB 10-2: Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc. consisting of following application (a) Applying and grouting a slurry coat of neat cement using 2.75kg/sqm conforming admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment, (b) laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junction of walls and slabs, (c) after two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed	sqm	31.74	859.66	27285.61	31.74	901.00	28597.74	57.24	39.68	901.00	35747.15	17.57	953.23	16743.41	52490.59	23892.85		
25	with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 3000x300mm square, (e) the whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test including cost of materials, labour complete as per specifications. Page No. 65/ Item No. 10.2/ PWD SR 2014-15	sqm																	
26	Providing and laying flooring using pre polishing water cut/gang saw 19 mm thick Granite slab over existing cement concrete bed in CM 1:4 at 20mm thick (average) pointed with white cement/ colour pigment etc., complete. grey granite Page No. 115/ Item No. 14.47.2 / PWD SR 2014-15	sqm	31.74	2052.16	65135.56	31.74	2152.00	68304.48	43.10	39.68	2152.00	85350.60	3.42	2478.61	8476.85	93857.45	25552.97		
27	KSRB 15.15.1 Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth cost of materials, labour, complete as per specifications. with primer. Page No.126/ Item No. 15.51.2 / PWD SR 2014-15	sqm	212.63	67.84	14424.82	212.63	71.16	15130.75	207.67	207.67	71.16	14778.00				14778.00		352.75	
28	KSRB 15-16 Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to given an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. with primer.page No.127 item No.15.53.2/PWD SR 2014-15	Sqm	29.72	79.50	2362.74	29.72	84.00	2496.48	211.79	37.15	84.00	3120.60	174.64	183.77	15327.79	18448.39	15951.91		

29	KSRB 13-8.11 Providing and fixing to wall, ceiling and floor, low-density polyethylene pipes 6.00KGf/sq.cm. working pressure 25mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling an floor including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No. 13.2.15.1 / 13.9., Page No. 103/ Item No. 13.76 / PWD SR 2014-15	Mtrs	15.00	109.18	1637.70	15.00	114.52	1717.80	15.00	15.00	114.52	1718.00				1718.00	—	—	—
30	KSRB 12-1.1 : Providing and laying in position to required level or slope 200mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints, including cost of materials, labour charges complete as per specifications.Specification No. KBS 12.2.5/12.7 Page No. 72/ Item No. 11.1/ PWD SR 2014-15	Mtrs	10.00	499.78	4997.80	10.00	515.00	5150.00	10.00	10.00	515.00	5150.00				5150.00	—	—	—
31	KSRB 11.11.6 : Providing and fixing white vitreous china clay, angle back wash basin of size 600x480mm with single 15mm C.P brass pillar taps with C.I./M.S. brackets, 32mm C.P. brass waste of standard pattern, painting of fitting and brackets, cutting and making good the wall and floor wherever required, including cost of material's, labour complete as per specifications. Specification No. KBS 11. Page No. 82/ Item No. 12.28 PWD SR 2014-15	Unit	1.00	3132.30	3132.30	1.00	3285.00	3285.00	2.00	1.25	3285.00	4106.25	0.75	3335.18	2501.38	6607.63	3322.63		
32	KSRB 11-1 : Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, 10 litre low level, P. V. C. flushing cistern (all are approved make) with fittings, C.I. / M.S. brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labours complete as per specifications. Specification No. KBS 11 Page No. 79/ Item No. 12.1 PWD SR 2014-15	Unit	4.00	3571.14	14284.56	4.00	3746.00	14984.00	4.00	4.00	3746.00	14984.00				14984.00	—	—	—
33	KSRB 12-8.1 : Constructing brick masonry inspection chamber 455x610mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I. cover with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38kg (weight of cover 23kg and weight of frame 15kg) R.C.C. top slab with cement concrete 1:2:4 mix 20mm and downsize granite metal, foundation concrete 1:5:10 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specificationsNo.KBS Page No. 75/ Item No. 11.50 PWD SR 2014-15	Unit	2.00	6600.62	13201.24	2.00	6924.00	13848.00	2.00	2.00	6924.00	13848.00				13848.00	—	—	—

34	KSRB 11.15.3: - Providing and fixing 1500x450mm rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost materials, labour complete as per specifications Page No. 84 Item No 12.43 PWD SR 2014-15	Unit	2.00	1808.36	3616.72	2.00	1896.00	3792.00	4.00	2.00	1696.00	3792.00				3792.00	—	—	—
35	Providing and fixing CI Nahani Trap of approved make conforming to ISI specifications and construction of cistern in CC 1:2:4 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). Page No.92/ Item No. 12 113.2 PWD SR 2014-15	Each	2.00	265.00	530.00	2.00	278.00	556.00	4.00	2.50	347.50	695.00	1.50	316.63	474.95	1169.95	613.95		
36	KSRB 11-7.2 Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm in the range of two 7.5 liters PVC automatic flushing cistern C.I./M.S. brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fitting and brackets cutting and making good the wall and floor wherever required including cost of materials, labour complete as per specifications. Specification No. KBS 11 Page No.80/ Item No. 12.8 PWD SR 2014-15	Each	2.00	4177.46	8354.92	2.00	4382.00	8764.00	1.00	1.00	4382.00	4382.00				4382.00		4382.00	
37	KSRB 13.11.1 Providing and placing on terrace Polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour transport charges, HOM of equipments and testing complete as per specifications (For 1000 litre capacity) Specification NO KBS 13.22 Page No. 103/ Item No. 13.78 / PWD SR 2014-15	Each	1.00	8851.00	8851.00	1.00	9284.00	9284.00	1.00	1.00	9284.00	9284.00				9284.00	—	—	—
38	Providing Supplying and commissioning of 1 HP submersible Monoblock pump with starter 15mm cable with necessary GI fittings with suction & Delivery hose pipes including necessary fittings etc completed as per specifications.	Nos	1.00	10000.00	10000.00	1.00	10490.00	10490.00	1.00	1.00	10490.00	10490.00				10490.00	—	—	—
	Electrification work																		
39	pointing wiring using copper with switch: Supplying and wiring adopting loop system in existing PVC conduit/casing capping using copper PVC insulated multi strand 2 x1.5 sqmm coper wire with a 6 Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box the other end of wires shall be terminated with sufficient loose length in a wood/PVC round block Complete for each outlet.II point wiring using class B materials (3/6) a) Short point upto 3 mtrs from tapping point to out let via switch	Each	9.00	160.00	1440.00	9.00	167.00	1503.00	4.00	4.00	167.00	668.00				668.00		835.00	
	Medium point above 3Mtrs upto 6Mtrs from taping point to out let via switch	Each	11.00	245.00	2695.00	11.00	257.00	2827.00	4.00	4.00	257.00	1028.00				1028.00		1799.00	
	a) Long point above 6Mtrs upto 10 Mtrs from tapping point to out let via switch	Each	12.00	345.00	4140.00	12.00	362.00	4344.00	4.00	4.00	362.00	1448.00				1448.00		2896.00	
40	Wiring for lightin/power circuit using one of PVC insulted 1100v grade,multistrand copper conductor single core cable in open or concealed system of wiring II Group B c) 6 sqmm (3/20)	Each	350.00	45.00	15750.00	350.00	47.00	16450.00	180.00	180.00	47.00	8460.00				8460.00		7990.00	

41	Grooving, Cutting Supplying dia 2mm/2.5mm thick heavy gauge PVC Conduit Pipe with bends metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary a) 19/20mm dia 2mm thick (2/3)	Per Mtr	85.00	43.00	3655.00	85.00	45.00	3825.00	50.00	50.00	45.00	2250.00				2250.00		1575.00	
42	Supplying and fixing PVC/metal conduit accessories special type Junction Box a) 19/20mm junction box (3/5)	Each	5.00	18.00	90.00	5.00	18.88	94.40	5.00	5.00	18.88	94.40				94.40			
43	DEEP Junction Box a) 18/20 mm deep junction box	Each	10.00	29.00	290.00	10.00	30.00	300.00	5.00	5.00	30.00	150.00				150.00		150.00	
44	32 Supplying and fixing metal fan box with round hook (32/11)	Each	8.00	72.00	576.00	8.00	75.00	600.00	2.00	2.00	75.00	150.00				150.00		450.00	
45	Supplying and flush mounting teak wooden box with out front plank made of not less than 12mm thick wood after due groove cutting necessary masonry patch work complete (6/3) b) 12"x9"x3" (300x228x76mm)	Each	2.00	80.00	160.00	2.00	84.00	168.00	2.00	2.00	84.00	168.00				168.00			
46	Supplying and fixing of modular switch/Socket/stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate II using group B" Meterial (8/18) e) 600 watts dimmer	Each	8.00	390.00	3120.00	8.00	409.00	3272.00	5.00	5.00	409.00	2045.00				2045.00		1227.00	
	g) 16 Amps one way switch	Each	2.00	115.00	230.00	2.00	120.00	240.00	2.00	2.00	120.00	240.00				240.00			
	J) 6/16 Amps Universal Socket	Each	2.00	170.00	340.00	2.00	178.00	356.00	2.00	2.00	178.00	356.00				356.00			
47	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulators etc., and fixing on existing wooden or metal box using N F Screws (22/10)	sq.cm	1500.00	0.22	330.00	1500.00	0.23	345.00	600.00	600.00	0.23	138.00				138.00		207.00	
48	Supplying surface mounted type mirror optic luminaries for single/twin 36/40 watts fluorescent lamps cross rising of stove enameled deep coloured M.S low profile housing complete with all accessories and high purity anodized aluminium reflector assembling along with cross louvers including necessary fluorescent tubes with Energy saving Electronic Ballest Etc complete set II 2x4' 36/40 watts B) group B' (5/17)	Each	4.00	2500.00	10000.00	4.00	2622.50	10490.00	2.00	2.00	2622.50	5245.00				5245.00		5245.00	
49	supplying capacitor type ceiling fan complete with dawn blades,shackle,canopies etc for operation on 230 Volts, 50 cycles,single phase AC supply conforming to ISS-374-1979 and with double ball bearing system and as per technical data approved 1 48" Sweep(1200 mm) a) Regular Model (23/23)	Each	8.00	1800.00	14400.00	8.00	1888.00	15104.00	2.00	2.00	1888.00	3776.00				3776.00		11328.00	
50	Supplying exhaust fan of 1440 RPM of 300mm (12") size with bracket blades complete for e for light duty suitable for operate on 230 V 50 Hz, AC Supply e) Group A' (21/22)	Each	3.00	1250.00	3750.00	3.00	1311.00	3933.00	2.00	2.00	1311.00	2622.00				2622.00		1311.00	
51	Supply patty type fluorescent tube light fitting of 4-36/40 watts flourescent tube fitting,made out of M.S sheet and stove enmeled with low loss open construction copper wound ferromagnetic ballast, strter,locking type prass contact holders mounted on double fold type sheet base fully wired for use on 230 volts A C supply including 1NO 4-36/40 watts fluorescent tube) (2/16) Group A	Each	2.00	300.00	600.00	2.00	377.00	754.00	2.00	2.00	377.00	754.00				754.00			

52	Fixing all types and all capacities fluorescent/false celing/spot light/CFL fitting indoor on the wall/ celing/rafters/griders using 23/0.0076" twin twisted PVC insulated wires,required nos of blocks and clamps(if required) a) On wall/ ceiling/ Rafter/Griders (7/29)	Each	8.00	105.00	840.00	8.00	110.00	880.00	2.00	2.00	110.00	220.00				220.00		660.00	
53	Fixing one ceiling/wall mounting fan of all capacities and all types to the exiting S hook with fan regular to the exiting board together with supplying and fixing a 5 ampers ceiling roso,necessary langth of 23/0.0076 inch PVC insulated twin twisted copper wire and wiring completely (8/29)	Each	8.00	105.00	840.00	8.00	110.00	880.00	2.00	2.00	110.00	220.00				220.00		660.00	
54	Fixing one exhaust fan in the nitch already left in the wall with bolts and nuts 5 amps ceiling rose with sufficient length of 23/0.0076 inch PVC insulated twin core wire of apporoved Make (12/29)	Each	3.00	310.00	930.00	3.00	325.00	975.00	2.00	2.00	325.00	650.00				650.00		325.00	
55	Supplying,fixing wiring earth electrode for grouding conduits. I C cutouts and other equipment on the meter board using 40mm dia 2.90 thick GI2.5 mtrlong buried in a pit should be filled with equal proporation of salt and charcoal 150mm alround the pipe to complete depth. The conection from the pipe to the conduit etc is to be established throughGI wire of size as oer ISI specifications 7.33 of IS 732 using 12mm dia bolts,nuts,washers and checknuts etc,the pipe shall have 16 through holes 12mm dia (68/01)	Each	1.00	1950.00	1950.00	1.00	2045.00	2045.00	1.00	1.00	2045.00	2045.00				2045.00			
56	suplying and mixing miniature circuit breakers on exiting MCB distribution boards using necessary fixing materials and C type curve,indicator ON/OFF energy cress-3 with short circuit breaking capacity of 10k and complete wiring as required. a) 32 Amps SP 1)Group A (12/36)	Each	2.00	195.00	390.00	2.00	204.00	408.00	2.00	2.00	204.00	408.00				408.00			
57	Energy meter box. Supply and instalation/fixing/ provision of outdoor type thermoplastic modular panel enclousers with transperent polycarbonate lid shock proof,coreosion proof having internally embedded gasket on both lid and flap suitable to fix. Single phase/three phase energy meter in suitable base plate and having a provision fo fuse/ MCB cutout with suitable transperent hinged flap opening for operating MCB along with complete tamper proof SEALING facility. a) 300 x 300 x 214 mm (40/42)	Each	1.00	3055.00	3055.00	1.00	3204.00	3204.00	1.00	1.00	3204.00	3204.00				3204.00			
58	Supplying of LT UG cable having aluminium PVC conductor insulated,sheathed,galvanized,steel wire/steel tap armoured cable with PVC outer sheathing 1 1KV class A PVC Cabled)4 core 16 sqmm (68/04)	Per Mtr	40.00	150.00	6000.00	40.00	157.00	6280.00	30.00	30.00	157.00	4710.00				4710.00		1570.00	
59	Labour charges for laying of 1 1KV Class UG cable in existing trench GI pipe stoneware pipe/on wall/on pole as required a) 6sqmm to 16 10 sqmm (5/69)	R.Mtr	40.00	8.00	320.00	40.00	8.39	335.60	20.00	20.00	8.39	167.80				167.80		167.80	

60	Digging of trench of 0.6mm deep * 0.50 mtr wide refilling the trench to the required ground level and consolidating etc complete.(As per Civil SR KSRB 1-2p-7)a. In Ordinary soil (6/70)	R.Mtr	30.00	40.00	1200.00	30.00	41.00	1230.00	20.00	20.00	41.00	820.00				820.00		410.00
61	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not lessthan 3.25mm on pole/wall/drain crossing eith necessary clamping arrangements for UG cable of 1.1 KV class B.50 mm (9/70)	Mtr	10.00	260.00	2600.00	10.00	272.00	2720.00	4.00	4.00	272.00	1088.00				1088.00		1632.00
62	Suplying and fixing L.T cast Iron Pot Heads suitable for 1.1KV class UG cable filled with Necessary bitumen/insulating compound complete with terminals,clamps,bolts,nuts and washers etc, b. 16 Sqmm (10/70)	Each	1.00	260.00	260.00	1.00	272.00	272.00	1.00	1.00	272.00	272.00				272.00	—	—
	Extra Items																	
63	KSRB 14.14.2: Providing colour glazed tiles all sizes 10mm thick for flooring treads of steps and landings laid on a bed of 12mm thick cement mortar 1:3 mix flush pointing using white cement with matching colour pigment including cost of materials labour curing complete as per specifications. Specification No. KBS 14.15.2 (page 93/Item no. 14.33(30*30cms)	Sqm							7.60			7.60	1248.75	9490.50	9490.50	9490.50		
64	KSRB 14.17.1 : Providing skirting dado, rises of steps with white glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately)using glazed tiles of approved make and size including cost of materials labour, complete as per specifications. Specification No. KBS 14.16., 14.17 (Page no. 94/ Item No. 14.40	Sqm							58.47			58.47	985.44	57618.68	57618.68	57618.68		
65	Providing and fixing cold rolled perepainted steel windows of IS standards, made out of 0.6mm thick deep drawing quality galvanished on both sides 120gms/sq mtr. Primer coat upto 5microns with thermosetting epoxy resin and finish painted with a polyester based paint 20microns thick. The size of profiles in approximately 46x52mm for external formes, 46x46mm section for shutters, 46x70mm section for centre mullion/transom and 18x31mm section is for fixing glasses. The section should be cut to length joint mitred and assembling by means of corner brackets made out of cold rolled cold annealed strips of 1.2mm thick duly galvanised and fixed with nickle plated self taping screws. The shutters are provided with approved quality of fixtures like handles made out of zamac alloy die cast and powder coated, receiver made out of glass filled nylone and hinges made out of CRCA powder coated. 4mm tinted glass should be fixed with EPDM gaskets. Guard bars fabricated out of 10mm square bright bars shall be fixed horizonatally at 125mm C/C by revetting to the external frame. The abovve frames are fixed to the concrete / masonry walls by means of self expanding screws."	Sqm							4.05			4.05	3997.33	16189.19	16189.19	16189.19		

(Extra Items) 83298.37
page total

66	SOLID PANEL PVC DOOR SHUTTER Providing and fixing 30 mm thick factorily made rigid foam panelled door shutters made from M.S Tuvbe of 19 gauge thickeness size 19x19 mm tro styles and 15x15mm for top and bottom rails, coverted with heat moulded PVC channel of 5 mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rails & bottom rail panelling of 5 mm thick 20mm wide PVC sheet fitted in te M.S Frame sealed to the styless & rails with 5 x 30mm PVC sheet beading on ewither sides & joined together with solvent cement adhesive etc., complete as per manufactures specification & direction of Engineer - in charge fixed to frames with 3 nos, of 75mm Aluminium hinges **Page No. 52 / Item No. 8.83 / PWD 2014-15**	Sqm																			
	Providing & fixing factory made PVC Door frame of size 50x47 mm with a wall thickness of 5mm, made out of extruded 7mm rigid PVC foam sheet metered cut at corners & jointed 2No.s of 150mm long brackets of 15x15 mm M.S. Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufactures specification & direction of Engineer-in charge **Page No. 57/ Item No. 9.84/ PWD SR 2014-15 SOLID PVC DOOR FRAME**	Sqm							5.04				5.04	4443.94	22397.46	22397.46	22397.46	✓		
67	Supplying and fixing pressed **steel door frames size 125 x 65 mm** manufactured from 1.25 mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and shutters made out of seasoned Honne wood, styles of 30 mm thick with lock rail of 160 mm width, top and side of 100 mm width and bottom rails of 250 mm width and panel filling with 12 mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof, vermin proof, heat resistant guaranteed against shrinkage, war page and such other defects for a period of 3 years. This shall be as per approved drawings, specification and direction including cost of conveyance, manufacturing, painting with enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipment and all other incidental charges with all lead, lift, loading and unloading etc., complete. The Hollow portion of the frame to be filled with cement concrete 1:2:4 (P.45/I.7.26)	Sqm							5.04				5.04	3888.45	19597.79	19597.79	19597.79	✓		

10,74,169-02

Extra Items: 1,19,95.25
(page total)

Non-Operated items (Savings)
(from I.NO: 68 to 108)

68	Geophysical investigation of site for sinking borewell for supplying drinking water to the habitation either through the hand pump, MWS or P.W.S.S. by vertical electrical sounding by adopting venner or schlumbergers's method, including reconnaissance survey of geological formation, Geological investigation of existing ground water in vicinity, its quality, quantity & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 mtr in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personal and labour required etc (P.NO-47, I.NO-9.4, PRED 12-13 SR)	Nos	1.00	1882.00	1882.00	1.00	1974.00	1974.00										1974.00
69	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budem upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.,) (P.NO-47, I.NO-9.1, PRED 12-13 SR)	Rmt																
	0.00 to 50.00 Mtr		50.00	315.18	15759.00	50.00	330	16500.00										16500.00
	50.00 to 100.00 Mtr		50.00	412.00	20600.00	50.00	432	21600.00										21600.00
	100.00 to 150.00 Mtr		50.00	458.35	22917.50	50.00	480	24000.00										24000.00
	150.00 to200.00 Mtr		50.00	484.10	24205.00	50.00	507.02	25391.00										25391.00
	200.00 to 250.00 Mtr		50.00	560.32	28016.00	50.00	587.77	29355.50										29388.50
	250.00 to 300.00 Mtr		20.00	600.49	12009.80	50.00	629.91	31495.50										31495.50
70	Supplying of ISI Mark 175 mm nominal bore medium black ERW casing pipe of 5mm thick black electric resistance continous welded, midle steel tube material confirming to IS 1387/1993 and manufactured from hot rolled steel skelp/stripes in random length of 4 to 7 mtr both ends threaded confirming to IS 554/1985 one end(including of all taxes) (P.NO-III, I.NO-84, PRED 12-13 SR)	Rmt	50.00	1364.75	68237.50	50.00	1431.62	71581.00										71581.00
71	Providing and fixing 250mm dia PVC 6 kg/sqcm pressure pipe including jointing and labur charges for laying pipes and as per specification and directions (BWSSB SR 13-14, P.No.45 I.no.1 of sl.no.11.)	Each	15.00	1133.00	16995.00	15.00	1188.51	17827.65										17827.65
72	175 mm dia M.S. Casing cap (P.NO-III, I.NO-85, PRED 12-13 SR)	Each	1.00	100.00	100.00	1.00	105.00	105.00										105.00
73	M.S. Casing pipe collars 'C' Class (P.NO-III, I.NO-86, PRED 12-13 SR)	Each	10.00	150.00	1500.00	10.00	157	1570.00										1570.00

Extra Items (Page Total) 2,41432.65

74	Supply & delivery at site brand new texmo/innovat/lubi/sabar /Atalanta/calamat/ waterman/Radna make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz 380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings 15.000 HP 30 stage (P.NO-XXXXIII, I.NO-33, PWD SR 13-14) kirloscar pumps	set	1.00	70600.00	70600.00	1.00	74060	74060.00										74060.00
75	Providing, GI pipes confirming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cuts threads using white lead & threads for joints wherever necessary as per direction including all lead & lift etc, complete 'A' grade(excluding cost of fittings)b50mm dia GI pipe (SR 13-14 PWD Page No XVII code No 509, 0154)	Rmtr	150.00	330.63	49594.50	150.00	346.80	52020.00										52020.00
76	Providing & fixing socket GI (heavy duty collar) (Pwd SR pg xxxvii)	No	30.00	84.80	2544.00	30.00	89.00	2670.00										2670.00
77	Supplying and drawing 3 core PVC Sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS 8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 volts 4 sqmm of 56 strands 0.3mm dia (P.NO-535, I.NO-30 (c), BWSSB 12-13 SR)	Mtr	300.00	164.29	49287.00	300.00	172.00	51600.00										51600.00
78	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc, completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above 6.50 HP to 15.00 HP with star delta starter (MR)	no	1.00	10000.00	10000.00	1.00	10490.00	10490.00										10490.00

Extra Items & 1,908400.00
(Page Total)

YELAHANKA SUB

79	fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better hear description, (providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc, complete box of 21600 sq cm (P.NO-530, I.NO-39 b, BWSSB SR 13-14)	Sqm Cm	0.34	6500.00		0.35	7000.00												7000.00
80	Providing & Fixing of clamps set and borewell cap to the pump	No's	1.00	450.00	450.00	1.00	472.00	472.00											472.00
81	Supplying & delivery of brand new best make non return valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark (50mm Gate wheel Valve) (PWD SR 13-14, P.NO.XXIV, Sl no. 673)	No's	3.00	1600.00	4800.00	3.00	1678.00	5034.00											5034.00
82	Supplying and delivery of brand new best make Gate Valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark 50mm Gate Valve for distributer pipeline. 50mm dia (PWD SR 13-14, P.NO.XXIV, Sl no. 659)	No's	3.00	1145.00	3435.00	3.00	1201.00	3603.00											3603.00
83	Providing and fixing of 50mm GI bend to motor (PWD SR 13-14, P.NO.XXXVIII GI FITTINGS TABLE)	No's	3.00	219.00	657.00	3.00	230.00	690.00											690.00
84	Providing and fixing of 50mm GI Nipple to motor (PWD SR 13-14, P.NO.XXXVIII GI FITTINGS TABLE)	No's	3.00	104.30	312.90	3.00	109.00	327.00											327.00
85	Providing and fixing of 50mm GI union to the motor ((PWD SR 13-14, P.NO.XXXVIII GI FITTINGS TABLE)	No's	3.00	223.70	671.10	3.00	234.00	702.00											702.00
86	Labour charges for erection of new /repaired submersible pumpset along with GI pipes (32/50mm) cable (new submersible pumpset if required will be supplied by the department free of cost and released pump set should be handed over to department) including transportation (each length = 6.00m) (P.No - 564, I.No - 3, BWSSB SR 13-14)	Per length	52.00	90.64	4713.28	52.00	95.00	4940.00											4940.00
87	Erection of combined panel board meter board with all necessary materials and labour including providing CC 1:3:6 foundation bed etc. Complete for basement out door type (MR)	No's	1.00	475.00	475.00	1.00	498.00	498.00											498.00
88	Supplying and fixing miniature circuit breakers/isolators in existing MCB distribution boards using necessary fixing materials and wiring complete as required, 40 to 63 Amps DP (P.NO - 526, I.NO - 13D (a), BWSSB SR 13-14)	No's	1.00	906.40	906.40	1.00	950.00	950.00											950.00
89	Supplying and laying of L.T.U.G Cable having aluminiumconductor PVC insulated shethed galvanised steel wire/ steel tape armoured cable with PVC outer sheathing 1.1 KV class 4 core 16 sqmm cable (conforming to IS 1554) (P.NO - 553, I.NO - 10 (d), BWSSB SR 13-14)	Mtr	30.00	169.95	5098.50	30.00	178.00	5340.00											5340.00
90	Digging of trenches of 0.6mm x 0.50 Mtrs wide refilling the trench to the required ground level and consolidating etc, Complete sutting road surfaces (P.NO - 554, I.NO - 12 (b), BWSSB SR 13-14) in hard soil	Mtr	30.00	56.65	1699.50	30.00	59.00	1770.00											1770.00
91	Supplying and fixing Class-A GI Pipe on pole/ wall/drain crossing with necessary clamping arrangements for UG Cable of 1.1 KV class 40mm (P.NO - 555, I.NO - 15 (b), BWSSB SR 13-14)	Mtr	3.00	294.58	883.74	3.00	309.00	927.00											927.00

Sub Total Items (page Total) Rs 32253.00

92	Supplying and fixing wiring earth electrode for grounding conduits, IC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit,/ the pit should be filled with equal proportion of salt and charocal 150 mm alround the pipe to complete depth the connections from the pipe to the conduit etc, is to be established though GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12mm dia boalts, nuts washers and checknuts etc, the pipe shall have 16 through holes of 122mm dia (P.NO - 552, I.NO - 7 , BWSSB SR 13-14)	No's	1.00	1699.50	1699.50	1.00	1782.00	1782.00											1782.00
93	Supply and fixing LT cast iron pot heads suitable for 1.1 KV class 16 sqmmUG cable filled with necessary bitumen/ insulating compound complete with terminals, clamps, bolts nuts and washers etc, (P.NO - 555, I.NO - 16 (b) , BWSSB SR 13-14)	No's	1.00	271.92	271.92	1.00	285.00	285.00											285.00
94	Supplying shunt capacitor's confirming to IS 2834, 3phase 400/440 volts grade for power factor improvement of roating machinery capacitor in KVAR rating No's. (MR)	No's	1.00	1350.00	1350.00	1.00	1416.00	1416.00											1416.00
95	Providing and fixing Gun Metal Gate wheel valve confirming to IS specification of approved make as per direction including all lead and lift etc,. Complete. 50mm dia (P.NO 103, I.NO - 13.79.6, PWD SR 14-15)	No's	3.00	1526.40	4579.20	3.00	1590.00	4770.00											4770.00
96	Supplying and fixing of polished wood board made of not less than 15mm thick plank on both sides with planks made out on not more than 2 pieces and fixing the same to wall using tapered inverted wooden plugs screws etc., Size 20 x 20 x 2.5 inches (P.NO - 521, I.NO - 2 (f), BWSSB SR 13-14)	No's	1.00	311.58	311.58	1.00	326.00	326.00											326.00
97	KSRB 2-1.1:Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications (P.NO - 5, I.NO - 2.1, PWD SR 13-14)	Cum	10.80	144.86	1556.93	10.80	151.00	1630.80											1630.80
98	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and including lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., Page No.12 item No.3.4.2 b PRED SR 2010-11 (75mm dia KSC PVC pipe)	Rmtr	20.00	117.00	2340.00	20.00	122.73	2454.60											2454.60
99	Providing and installation at site of work 20mm GI pipes including cost of pipes and specials and labur including lowering into trenches, laying ture to line, complete as per direction of Engineer in charge for public taps for motors/pipeline (P.No.95, I.No.13.11 PWD SR 2014-15	Mtr	15.00	195.04	2925.60	15.00	204.60	3069.00											3069.00

Extra Item, Rs 1,57334.00

100	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications (P.NO - 6, I.NO - 2.11, PWD SR 13-14)	cum	10.10	59.36	641.09	10.80	62.26	672.41										672.41
101	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc. and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications Specification NO KBS 4.6.2 Page No. 16/ Item No. 4.28/ PWD SR 2014-15	sqm	16.20	220.48	3571.78													
102	KSRB 9.4-4 : Providing sal wood frames of doors, windows, clerestory windows, ventilators, and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications Specification No. KBS 9.33. Page No. 55 / Item No. 9.10/ PWD SR 2014-15	cum	0.18	67158.42	12088.52	0.18	70500.00	12690.00										12690.00
103	KSRB 9-24.1 Providing and fixing in position fully glazed for windows shutters with Hanne wood styles and rails of 25mm thick, 75mm wide in single shutters with 4mm thick plain glass fixed with wooden beading including cost of materials, labour charges, HOM of machineries complete as per specifications (excluding cost of fixtures) Specification No.9.34, 9.42 Page No.61/ Item No. 9.73/ PWD SR 2014-15	sqm	12.00	2643.64	31723.68	12.00	2773.00	33276.00										33276.00
104	KSRB 7.9 : Providing and fixing M.S. grill work for windows and ventilators weighing 21 kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12 Page No. 37/ Item No. 7.9/ PWD SR 2014-15	kgs	311.55	98.58	30742.17	311.55	103.40	32245.29										32245.29
105	KSRB 14.18.1 Providing skirting, dado, risers of steps with marble slabs not exceeding 30 cms. height on 10 cms. thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface while should be measured and paid separately) using marble slab of approved make and size of materials, labour, complete as per specifications Specification No. KBS 14.19. Page No. 114/ Item No. 14.42 / PWD SR 2014-15	sqm	94.19	3212.06	302619.78	94.19	3370.00	317420.30										317420.30
106	FIXTURES for doors and windows Page No X/V SR 2014-15																	
	DOORS																	
	Hinges 5" heavyduty	Each	2	37.00	74.00	2	38.81	77.62										77.62
	Door locks	Each	1	400.00	400.00	1	421.00	421.00										421.00
	MS Clamps	Each	4	38.00	152.00	4	39.99	159.60										159.60
	Tower bolt 300mm long	Each	3	116.00	348.00	3	121.00	363.00										363.00
	Aluminuam handles 15cms	Each	2	58.00	116.00	2	61.00	122.00										122.00
	Brass screws 25mm	Each	20	2.80	42.00	20	2.20	44.00										44.00
	Locking arrangments	Each	1	633.00	633.00	1	664.00	664.00										664.00
	Nails and screws	Kgs	1	54.00	54.00	1	56.60	56.60										56.60

	Bolts and nuts																	88.00
	GI J" or L" hooks with nuts and bolts	Kgs	1	84.00	84.00	1	88.00	88.00										17.50
	WINDOWS	Each	1	17.00	17.00	1	17.50	17.50										
	Hinges 5" heavyduty																	777.00
	bottom lock nail	Each	20	37.00	740.00	20	38.85	777.00										591.60
	MS Clamps	Each	12	47.00	564.00	12	49.30	591.60										637.76
	center pully	Each	16	38.00	608.00	16	39.86	637.76										1260.00
	Brass screws 25mm	Each	12	100.00	1200.00	12	105.00	1260.00										352.00
		Each	160	2.10	336.00	160	2.20	352.00										
107	KSRB 15-17.2: Applying priming coat over new wood surface and / or wood based surface after brushing with wood primer pink paint including preparing the surface after thoroughly cleaning oil, grease, dirt, and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications. Page No. 127/ Item No. 15.56 / PWD SR 2014-15	sqm	15.12	29.68	448.76	15.12	31.00	468.72										468.72
108	KSRB 15-17.6: Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications. Page No.125 / Item No. 15.60.1 / PWD SR 2011-12		15.12	82.68	1250.12	15.12	86.73	1311.36										1311.36
	1% Quality control charges				19288.90													
					1933225.30													
109	Miscelaneous and rounding off				1821.07													
				TOTAL RS.	1935046.37			2024699.28								890.37		
																2024700.00	1074169.00	1075058.67

SUMMARY:-

1)Estimated cost Rs:-19.50 Lakhs
2) Tender cost Rs:- 2024704.00
3)Executed amount RS:-2024700
4) During Execution as per requirement and site condition, the estimated cost of the amount of the executed Qty cost Rs:- 2024700 which is -0.001% of Below the Tender cost. Hence the proposal may kindly be approved

"44" Extra Items Total: Rs 11,50,869.03.

RE
Ward no:0

Assistant Executive Engineer
Yelahanka Sub Division
BBMP, Banaglore

Executive Engineer
Yelahanka Division
BBMP, Bangalore-64.

"Work-Slip Approved"
Chief Engineer
Yelahanka Zone
Bangalore Mahanagara
Palike
Bangalore 93
26.05.16

Extra Items: Rs 5503.94
(page list)